



HOTPLUG™ LT USER'S MANUAL

Revised October 9, 2007

With WiebeTech's HotPlug™, you can seize and move a computer without powering down the computer!

HotPlug LT keeps power flowing to the computer while transferring the computer's power input from one A/C source (such as a wall outlet or power strip) to another (such as a portable UPS).



Features

- Allows you to move a computer (or other electronic device) without shutting it down
- Smartly and instantly reroutes power of a target device to a UPS for transport
- Use the same HotPlug to seize more than one computer at a scene

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WARNING: Risk of lethal electric shock. Live terminals exposed during normal usage can carry sufficient voltage to be harmful or deadly to particularly sensitive persons or those wearing a pacemaker. Read this manual in full before using HotPlug. Care should be taken while using this product; WiebeTech recommends product training.

Accessories

Check the accessories packaged with your HotPlug™. Please contact WiebeTech if any items are missing or damaged. The box should contain the following items:

HotPlug LT	1
Input line cord	1
Output line cord	1
Mouse Jiggler™ (Mouse activity dongle)	1 (HP-LT5 contains 5)
Plug Capture Device	1
This user's manual	1

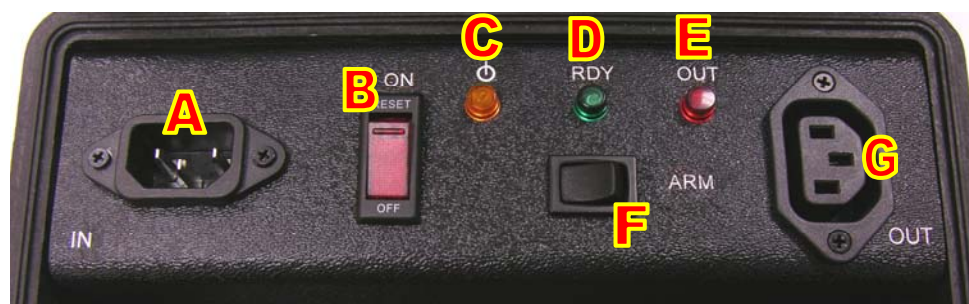
HotPlug LT is contained inside a sturdy, waterproof carrying case. There is a built-in compartment for storing the accessories.

Mouse Jiggler™

Before using HotPlug to move a computer, plug Mouse Jiggler into one of the computer's USB ports. This will prevent the computer from entering screen saver or sleep modes, which may be protected by passwords. For more information on the use of Mouse Jiggler, see the instructions accompanying that product.



HotPlug Control Panel



- A Input Power** – power coming from the new power source, such as a portable UPS.
- B Power Switch** – Turns HotPlug unit on & off. Glows when HotPlug is connected to new power source.
- C Power Status LED** – Glows when HotPlug power switch is in the ON position.
- D “Ready” LED** – Glows when HotPlug is armed and ready for the power transfer.
- E Power Output LED** – Glows when HotPlug is connected to the computer's original power source.
- F Arm Switch** – When the cables are properly connected, pushing this switch will arm HotPlug so that it is ready to transfer power.
- G Output Power** – power line connected to the computer's original power source, such as a surge protector, power strip, or wall plug.

HotPlug™ Operation


1. Before plugging in any cables, make sure the HotPlug power switch is in the OFF position.

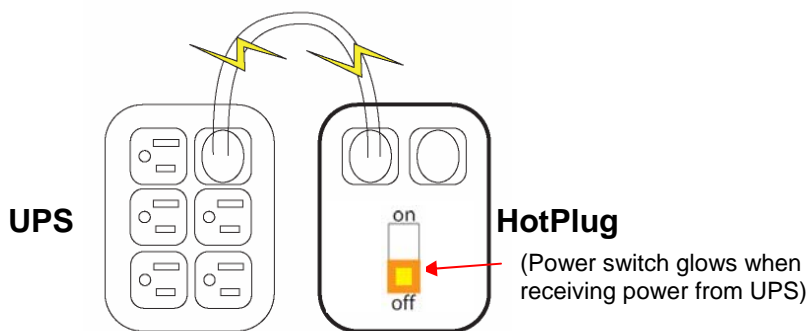


2. Plug the black input line cord into the HotPlug unit (receptacle labeled "IN").




3. Plug the other end of the input line cord into the new power source that you want to switch to (such as a portable UPS). The HotPlug power switch will light up, indicating that HotPlug is receiving power. Make sure that a second receptacle on the same circuit is available on the new power source (i.e. a duplex outlet).

 NOTE: Many UPSs have both surge-protected and battery-powered outlets. Be sure to use HotPlug with UPS outlets that supply battery power.



4. Plug the gray output line cord into the HotPlug unit (receptacle labeled "OUT"). YOU SHOULD NOW ASSUME THAT THE PLUG AT THE OTHER END IS HOT. CONTINUE TO ASSUME THAT IT IS HOT UNTIL HOTPLUG IS DISCONNECTED FROM THE CIRCUIT.

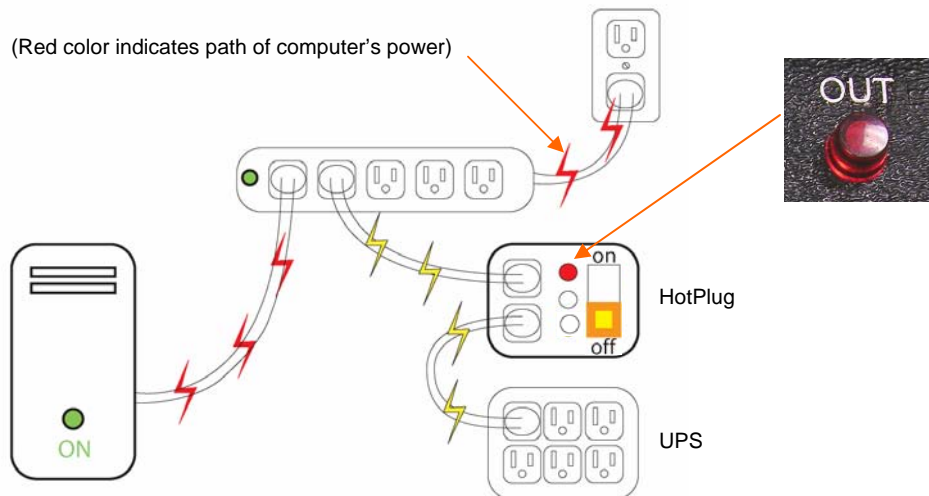


 WARNING: The user should assume that the plug on the output line cord is energized whenever the other end of the cord is plugged in.

5. You will now establish a connection between HotPlug's gray output line cord and the computer's original source of power. This is done one of two ways, depending on how the computer is plugged in.

If the computer is plugged into a multi-outlet surge protector or power strip

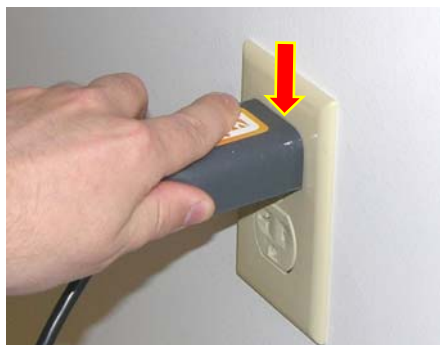
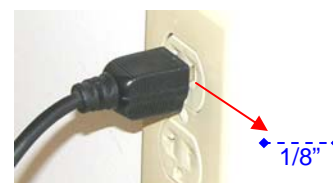
This is by far the most common configuration you will encounter. First, unplug any unneeded devices from the power strip from which the computer is currently receiving power. This will reduce power draw and ensure there is a receptacle available for use with HotPlug. Next, connect the gray output line cord into the power strip. After you have plugged the output line cord into the power strip, HotPlug's red LED (output power indicator) will light.




If the computer is plugged directly to a wall outlet

This is less common. You will need to use the Plug Capture Device (PCD) to create the connection.

- A) Install the PCD on the free plug end of the output line cord.
- B) Next, carefully pull the computer's A/C plug about 1/8-inch out from the wall. Do not pull it more than 1/8-inch or the power connection may be broken.
- C) Slide the PCD's end tab between the two power conductors in the plug and between the wall outlet and the plug. Push down on the PCD until it makes electrical connection and mechanically seats on the plug. HotPlug's red LED should light, indicating that a solid electrical connection is established.

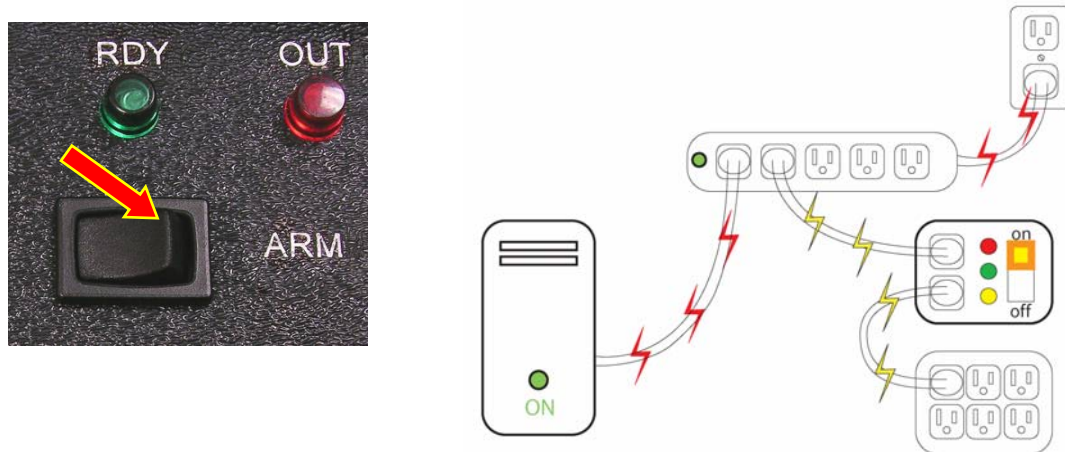


 NOTE: You will not be able to use PCD with European plugs that have insulated prongs.

6. Move the HotPlug power switch to the ON position. The power indicator (yellow) will light.



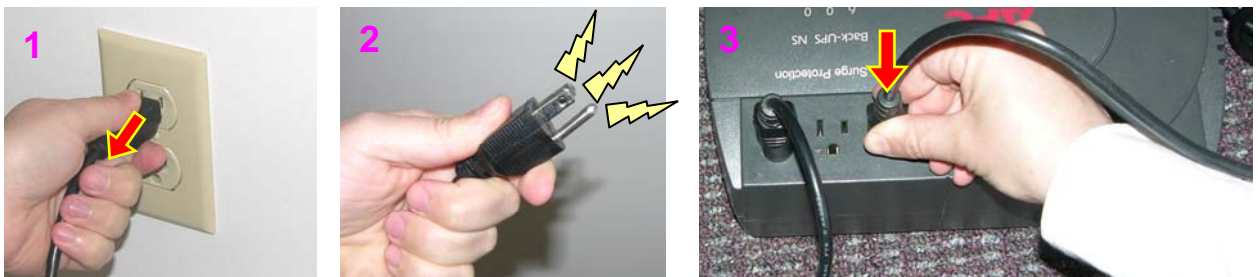
7. The cabling should now all be in place, and the yellow and red indicators on the HotPlug console should both be lit. Push the button labeled “ARM” to ready the HotPlug for the power transfer. The green indicator will light, showing that HotPlug is armed and ready. **Note: At this point, the computer is still receiving power from the original power source.**

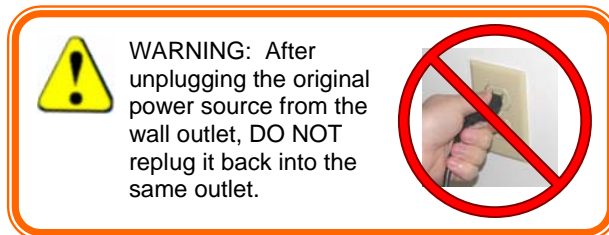


8. You are now ready to transfer the computer’s source of power. As with step 5, this process varies slightly depending on the specific configuration.

If the computer is plugged into a multi-outlet surge protector or power strip

Be very careful when performing the following action: Unplug the power strip from the wall outlet in one quick motion, and immediately plug it into an open receptacle on the new power source (e.g. UPS). WHILE MOVING THE POWER STRIP’S PLUG FROM THE WALL OUTLET TO THE NEW POWER SOURCE, THE EXPOSED PRONGS WILL BE “HOT” (ELECTRICITY WILL BE PRESENT AT THE PLUG). Be careful not to touch yourself, other people, or any objects with the plug while you move it.



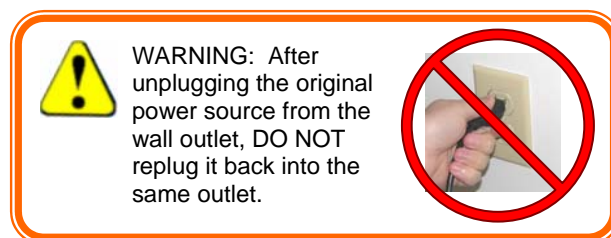
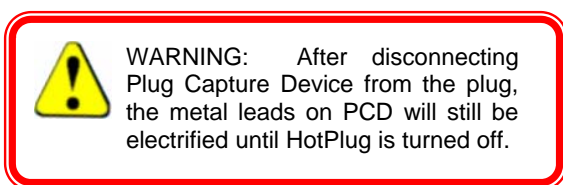
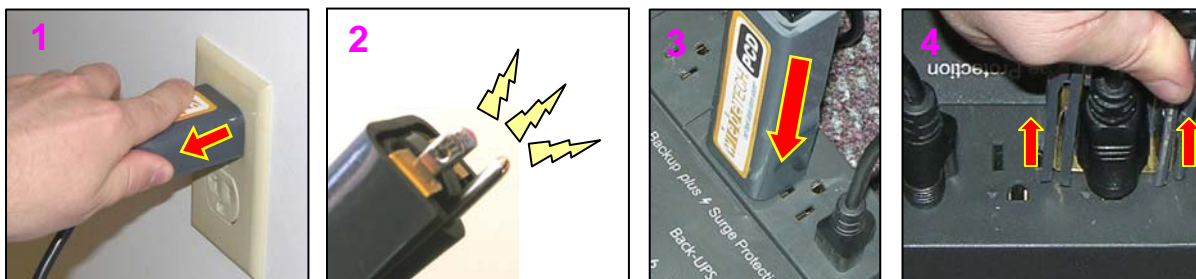


As soon as the power strip is unplugged from the wall outlet, HotPlug instantly begins supplying the power strip with a new flow of power. The computer is now being powered by the new power source.

If the computer is plugged directly to a wall outlet

Make sure Plug Capture Device (see step 5) has a solid electrical connection with the metal prongs on the wall plug. HotPlug's red LED should be lit.

Be very careful when performing the following action: Using PCD, pull the power plug from the wall in one quick motion, and immediately insert it into the second receptacle on the new power source (e.g. UPS). WHILE MOVING THE PLUG FROM THE WALL OUTLET TO THE NEW POWER SOURCE, THE EXPOSED PRONGS WILL BE "HOT" (ELECTRICITY WILL BE PRESENT AT THE PLUG). Be careful not to touch yourself, other people, or any objects with the plug while you move it. After establishing electrical contact between the plug and the receptacle on the UPS, you may disconnect PCD from the plug.



9. After the power plug has been connected to its new power source, HotPlug can be turned OFF.
10. Unplug the end of the (gray) output line cord NOT connected to HotPlug first.
11. Unplug HotPlug's black input line cord from the new power source.
12. The operation is now complete. Unplug both the input and output line cords from HotPlug and stow them within the HotPlug case.

Warnings & Dangers

- Misuse of this product could result in lethal electric shock. Always assume that the plug on the output line cord is electrified whenever either end is plugged in.
- Be careful not to touch yourself, other people, or any objects with the power plug while transferring it from one power source to another.
- During the power transfer process, remove the power plug with one quick motion. Do not use slow or stuttering motions when removing the power plug.
- After removing the power plug from the original power source, **DO NOT REINSERT THE PLUG INTO THE SAME OUTLET.**
- Do not use HotPlug in a wet environment.

Frequently Asked Questions (FAQs)

Q: How can I use HotPlug to seize a computer using an insulated European power plug?

A: You may need to dismantle the electrical outlet and establish electrical connection directly with the outlet's wires. This should not be attempted except by trained personnel. WiebeTech offers an accessory kit containing several tools that may be useful for this purpose (p/n WC-KIT-1). See the HotPlug web page for more details.

Q: Does WiebeTech offer training for this product?

A: HotPlug training seminars with an instructor from WiebeTech are available. Training is recommended - while HotPlug is easy to use, there are bare terminals exposed during normal operation of HotPlug which are potentially dangerous with misuse, or without proper care.

Technical Specifications:

Product Name	HotPlug LT
Product Codes	HP-LT1 (HotPlug LT with 1 Mouse Jiggler) HP-LT5 (HotPlug LT with 5 Mouse Jigglers) HP-LT1-UK (UK version of HotPlug – includes UK power cables) HP-LT1-EURO (European version of HotPlug)
Case Construction	<ul style="list-style-type: none"> • Tough, high impact case material • Watertight • Lockable
Status Indicators	<ul style="list-style-type: none"> • Power on and armed indicators are discernible at a glance. • Red indicator lights show which receptacles are powered • Yellow indicator light shows the unit is turned on • Green indicator light shows the unit is armed
Power Control	ON/OFF switch on front panel
Power	HP-LT1 or HP-LT5: <ul style="list-style-type: none"> • 120VAC, 60 Hz • Usage – 3.5 VA • Capacity - 5.0 Amps Max. HP-LT1-UK or HP-LT1-EURO: <ul style="list-style-type: none"> • 240VAC, 50 Hz • Usage – 3.5 VA • Capacity - 5.0 Amps Max.
Operating Temperature	50 – 85° Fahrenheit (10 – 30° Celsius)
Operating Humidity	5% to 95%, noncondensing
Weight	Unit weight 3.5 lbs Shipping weight 5 lbs.
Dimensions	9.12" x 7.56" x 4.37" 23.2 x 19.2 x 11.1 cm)
Warranty	1-year limited warranty. See warranty statement for details and limitations. WiebeTech offers free phone support for 90 days after purchase (1-866-744-8722). Email support is available at support@wiebetech.com .

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